Mountain Weather Forecast

Lake District National Park

Forecast valid from 06:00 on Friday 07 Jan 2022 until 23:59 on Saturday 08 Jan 2022

Forecast Issued on Friday 07 Jan 2022 at 02:59

Confidence: High largely unsettled and changeable, but lowering confidence in the details of worst of conditions.

Headline for Friday 07 Jan 2022: Frequent wintry showers dying away later today.

Mountain weather hazards on Friday 07 Jan 2022

Blizzards Low Likelihood	**Heavy Snow** No Likelihood	**Storm force winds** No Likelihood
Gales Low Likelihood	**Severe chill effect** High Likelihood	**Poor visibility** Low Likelihood
Thunderstorms Low Likelihood	**Heavy persistent rain** No Likelihood	**Strong sunlight** No Likelihood

Weather and chance of precipitation at 800m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
Heavy snow showers (night)	Light snow showers	Light snow showers	Sunny intervals	Partly cloudy (night)	Clear night
Precipitation probability					
50%	40%	30%	20%	10%	<05%

Forecast for Friday 07 Jan 2022

Weather: A day of showers, these wintry to all but lowest levels, frequent this morning and early afternoon, bringing the risk of thunder and hail to western peaks. Showers gradually dwindling thereafter.

Chance of cloud free mountain/hill tops above 800m: 60% for any given time but limited scope for prolonged clear periods due to the showery nature of the flow.

Visibility: Good or very good, sporadically moderate to very poor in showers, only a few metres in hill fog with bases lowering 300-450m as showers push through.

Check our weather forecast every day to get the most accurate and up to date information
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Mountain Weather Forecast

Forecast for Friday 07 Jan 2022

Height (m)	Wind Speed mean/gusts (mph) Wind Direction (blowing from)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
900	39/45 W	37/44 W	27/35 W	28/36 NW	26/32 NW	19/23 W	16/20 S
600	32/42 W	31/41 W	24/33 W	22/31 NW	20/27 W	15/22 W	11/16 S
300	12/34 W	12/33 W	10/27 W	10/26 NW	8/22 NW	5/16 W	3/12 S
Valley	12/31 W	11/29 W	12/28 W	11/25 NW	9/22 NW	6/16 W	4/11 S

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
900	-4/-14	-4/-15	-4/-13	-4/-13	-4/-12	-4/-11	-3/-10
600	-2/-10	-2/-11	-2/-10	-2/-9	-2/-9	-2/-8	-1/-6
300	1/-4	1/-4	1/-4	-0/-5	0/-4	-0/-3	1/-1
Valley	3/-1	3/-1	4/-0	2/-2	2/-1	3/0	3/1
Freezing Level*	300m	200m	300m	300m	300m	300m	400m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Risk of blizzard condition at first across higher peaks in frequent showers.

Forecast for Saturday 08 Jan 2022

Weather: Snow spreading from the west overnight, soon turning to rain below 700m come dawn. Clearing to showers during the afternoon, with snow level lowering around 300m during the evening.

Maximum wind: South to southwest increasing mean 30-35mph for the morning, with gusts reaching 50mph across more exposed ridges and summits, before easing from mid-day.

Chance of cloud free mountain/hill tops above 800m: By day 10% or less lifting 70% as the showers spread in later.

Visibility: Good or very good, becoming moderate or poor in rain, very poor in snow and only a few metres in hill fog, with bases becoming extensive above 300-450m on the front, then sporadically so in later showers.

Temperature: **Valleys:** Zero Celsius increasing plus 7 Celsius for the afternoon
At 800m: Minus 3 Celsius increasing plus 1 for a time during the morning
Freezing level: 200-400m increasing around 900m for a time during the morning

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Mountain Weather Forecast

Ground Conditions Supplement

Date: Thursday 6 January. Location: Fairfield summit - 873m at 11:45 Full report; This report comes with a health warning in that it was snowing as the Assessor left the hill and also the Lake District is under 2 Yellow Met Office weather warnings for both snow and ice from 8pm on Thursday to midday on Friday so walkers out on Friday should expect and be prepared to encounter more snow than experienced and described here. A bleak day on the Lakeland Fells with those walkers sensibly not leaving the valleys not missing much!! Fresh snow/sleet had fallen to valley level although by early this afternoon this had turned to rain below c200m and it was thawing below c350m. Below c500m the snow was soft and wet whilst above this height the snowpack was soft and powdery. As the freezing level probably drops overnight, these differing conditions will affect the amount of ice that could be present on paths. Today, the fresh snow was obscuring patches of ice on paths making them treacherous, especially in descent. The fresh snow was being deposited on a southerly wind. On Fairfield's summit plateau (870m), the wind was a fairly consistent 30mph with the snow only settling against obstacles and in hollows with the average depth at this altitude at midday of only 2cm. The deepest drifts on north facing slopes were c20cm. With a summit temperature at midday of minus 4 and the summit windchill (what the temperature feels like) at minus 15 degrees, full winter clothing (waterproofs, extra warm layers, hat & gloves), mountain boots and equipment - including torch, map & compass and the ability to use them in limited visibility (especially when the snow obscures landmarks) are all essential for anyone venturing out onto the high fells. Owing to the amount of biting spindrift/hail being blown about, goggles are also highly recommended. Microspikes and walking poles are helpful to stay upright given the amount of ice on paths. For those out on Friday and attempting, or traversing, steep exposed routes crampons and ice axe may well be essential and should definitely be carried. Temperature: minus 3.7 C, Maximum wind speed 34.2 mph, Wind chill: minus 14.9C, Average wind speed: 30.3 mph

Issued at: 02:59 on Fri 07 Jan 2022

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